LG 8820 IP Phone

User Guide

for Bell Aliant Call Servers

Please read this guide carefully before operating your set.
Retain this guide for future reference.

Regulatory and Safety Notices

1. Radio Frequency Emissions:

FCC Compliance statement:

This device complies with Part 15 rules. Operation is subject to the following two conditions;

1. This device may not cause harmful interference, and
2. This device must accept any interference received, including interference that may cause undesired operation.

This Equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one of the following measures:

Reorient or relocate the receiving antenna.

Increase the separation between the equipment and the receiver.

Connect the equipment into an outlet on a different circuit from that to which the receiver is connected

If problems persist, consult the dealer or an experienced radio/TV technician for help.

Canadian Compliance statement:

This Class B digital apparatus complies with Canadian ICES-003.

Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.

This device complies with Class B limits of Industry Canada. Operation is subject to the following two conditions;

1. This device may not cause harmful interference, and
2. This device must accept any interference received, including interference that may cause undesired operation.

European Union Declarations of Conformity:

BELL ALIANT declares that the equipment specified in this document, which bears the “CE” mark, conforms to the European Union Radio and Telecommunications Terminal Equipment Directive (R&TTE 1999/5/EC) including,

Electromagnetic Compatibility Directive (89/336/EEC) and

Low Voltage Directive (73/23/EEC)

The product fulfills the essential requirements of the harmonized standards shown above.

2. Product Safety Instructions

This product complies with and conforms to the following international Product Safety standards as applicable:

Safety of Information Technology Equipment, IEC 6095-1, including

Relevant national deviations as listed in Compliance with IEC for Electrical Equipment (IECEE)

Safety of Information Technology Equipment, CAN/CSA-C22.2 No. 60950-1/UL 60950-1

3. E-911 and use of the LG 8820 IP Phone with Multi-Line Telephone Systems:

Please note the use and operation of this phone as part of a multi-line telephone system (MLTS) may be subject to state and/or federal E-911 MLTS laws that require the MLTS to provide a caller’s telephone number, extension, and physical location to applicable state and/or local emergency services when a caller initiates a 911 call. The MLTS may not provide a caller’s telephone number, extension, or physical location information to emergency services when a caller dials 911, and compliance with state and/or federal E-911 MLTS laws is the sole responsibility of the purchaser of this phone.

4. Privacy:

LG 8820 IP Phone implements security and encryption technologies however, privacy of communications may not be ensured when using this telephone.

Care & Precautions:

Before connecting or using your new phone, take a moment to consider safety and reliability. Use common sense when locating, connecting and using your LG 8820 IP Phone.

Locate on a dry level surface. Keep the phone away from the edges of the surface to avoid the potential of a fall.

Locate cables to avoid potential for damage. For example, do not locate under rugs or carpet as damage may result from foot traffic or heavy objects. Also, do not locate cables between the desktop and walls where they may be crushed, damaging the insulation.

Check the cables regularly and, if damage is noted, disconnect your phone. Contact your local representative for a replacement.

Should liquid spill on the phone, disconnect the unit from power and the network.

Do not use during lightning storms. Lightning presents a potential shock hazard.

Clean the LG 8820 IP Phone with a soft dry cloth; do not use liquid cleaners.

Always use caution when connecting to AC power. Use only with a properly grounded standard AC power outlet.

What is new in this release?

Issue 1.00 2010.09 first release

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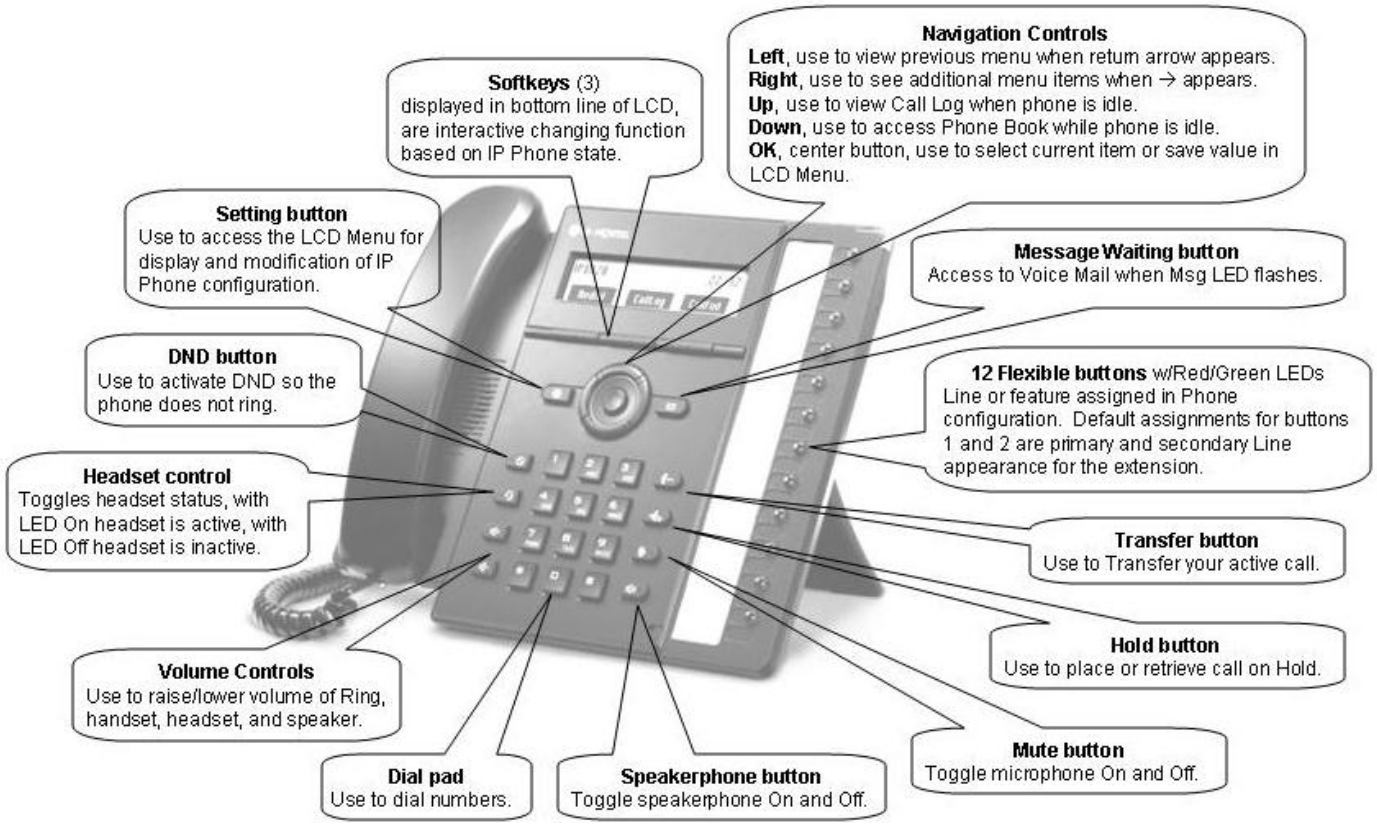
1. LG 8820 IP Phone Overview

Your new Bell Aliant LG LG 8820 IP Phone is an Internet Protocol (IP) phone employing Session Initiation Protocol (SIP), the well-known open standard for establishing, managing and terminating a communication session. LG 8820 IP Phone interoperates with call servers, proxies and gateways to exchange SIP signaling messages for call control. Real-time Transport Protocol (RTP) packets deliver voice between the end-points over a managed IP network.

Features available to LG 8820 Phone through SIP call servers are similar to those of a conventional business telephone. In addition to the features described in this guide, your call server may provide additional features, often using dialed feature codes. Refer to your system administrator for further information.

The LG 8820 IP Phone has fixed feature buttons, soft feature keys, flexible buttons that are configurable, and dial pad buttons as shown in the figure below.


Navigation Controls
Left, use to view previous menu when return arrow appears.
Right, use to see additional menu items when → appears.
Up, use to view Call Log when phone is idle.
Down, use to access Phone Book while phone is idle.
OK, center button, use to select current item or save value in LCD Menu.
Softkeys (3) displayed in bottom line of LCD, are interactive changing function based on IP Phone state.
Setting button Use to access the LCD Menu for display and modification of IP Phone configuration.
Message Waiting button Access to Voice Mail when Msg LED flashes.
DND button Use to activate DND so the phone does not ring.
12 Flexible buttons w/Red/Green LEDs Line or feature assigned in Phone configuration. Default assignments for buttons 1 and 2 are primary and secondary Line appearance for the extension.
Headset control Toggles headset status, with LED On headset is active, with LED Off headset is inactive.
Transfer button Use to Transfer your active call.
Hold button Use to place or retrieve call on Hold.
Volume Controls Use to raise/lower volume of Ring, handset, headset, and speaker.
Mute button Toggle microphone On and Off.
Dial pad Use to dial numbers.
Speakerphone button Toggle speakerphone On and Off.

The twelve (12) flexible buttons access lines and features based on the IP Phone configuration. Flexible buttons assigned for line access, called line buttons, represent a telephone line or a SIP user. A line may be private, calls to a private line signal at all appearances of the line but an active or held call is only visible and accessible by the original end-points. A shared line appears at multiple phones and all calls are visible and accessible by all end-points with the line. Each line button employs LEDs to indicate status as shown below.

Incoming call	Orange*	LED flashes at 60 ipm, fast flash
Line in use at this phone	Orange*	LED On
Call held at this phone	Orange*	LED flashes at 30 ipm, slow flash
Shared line in use at another phone	Red	LED On
Shared line call held at another phone	Red	LED slow flash
Line not registered w/server	Red/Orange	LED flashes color, red to orange at 30 ipm

* When the LCD displays information for a line, such as when an incoming call first rings, the LED color is orange otherwise, the LED color will be green.

Flexible buttons not assigned for line access may access features such as Speed dial, Redial and others. Refer to section 3.5 and your system administrator for further information.

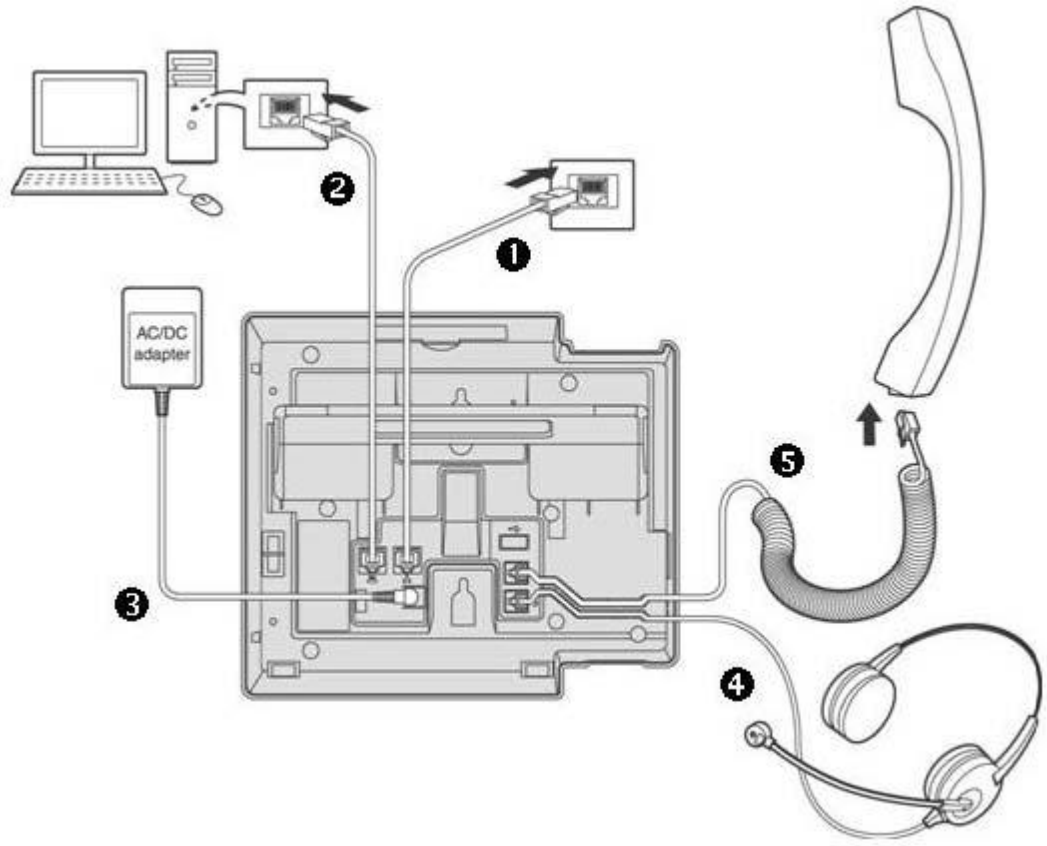
The figure below shows other major components of IP8820 Phone. These components include:

- Handset
- Speaker and microphone
- Message Wait Indicator (Message LED)
- LCD (240 by 42 pixel), displays 3-lines
- Flexible button labels

2. Installing your LG 8820 IP Phone

The figure below shows the cable connections for your IP Phone. The LAN and desktop PC connections employ standard category 5 LAN cables terminated with RJ-45 connectors. The IP Phone supports PoE (Power over Ethernet) in accordance with the IEEE-802.1af industry standard. When connected to a PoE complaint LAN port, the IP Phone derives power from the port. If the LAN port does not support PoE, use the AC/DC adaptor, available separately, for connection to power. The handset connects to the base with the supplied standard handset coiled cord. Use the chart below to make connections to the IP Phone.

1 LAN	Connect the IP Phone LAN port to the LAN wall jack with the provided LAN cable.
2 PC	Connect the IP Phone PC port to your desktop PC with an RJ-45 terminated UTP-5 cable.
3 Power	If the LAN port supports PoE (IEEE 802.3af compliant), the AC/DC adapter is not required. If not supported, connect the IP Phone power port to the DC out of Power Adapter. Connect the Power Adapter AC plug to an AC wall jack.
4 Headset	Connect Headset RJ-11 jack to the IP Phone headset jack.
5 Handset	Connect the Handset coiled cord to the IP Phone base and handset.



3. Setting Your Preferences

In the LCD Menu, you can set various preferences for the IP Phone. Settings you can adjust include:

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- LCD contrast
- Ring Setting
- Ringer off
- Headset auto mode
- Flexible button settings
- Time Configuration
- Outgoing Call Lock
- Speed Number Dialing
- Key Tone
- Language

The following paragraphs provide detailed instructions for each of the preferences as well as descriptive information for each.

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3.1 LCD Contrast

The contrast of the LCD is adjustable for best viewing angle.

To adjust the LCD contrast:

- Press the Setting ( ) button.
- Dial 3, or move the cursor to **3. Phone Settings** using the Previous Next soft keys and press the OK softkey.
- Dial 1, or move the cursor to **1.LCD Contrast** using the Previous Next softkeys and press the OK softkey.
- Press the Down softkey to decrease the contrast, or press the Up softkey to increase the contrast.
- Move to another parameter with the navigation buttons and continue the session or press the Setting ( ) button.to exit the configuration session.

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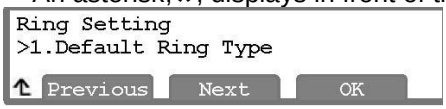
3.2 Ring Setting

Ring settings determine the ring type (tone) for the phone. You may select one of up to fourteen ring signals. Of the fourteen signals, nine are stored in permanent memory. The remaining five must be downloaded from an external source prior to use. In addition, the ring type for each line can be set with immediate or delayed audible notification. Note that the ring type set for a contact in the Phone Book has priority over the phone or line settings.

3.2.1 Setting the Ring Type

The IP Phone uses one of fourteen distinctive ring types for incoming call notification. Nine are stored in the memory of your IP Phone and the remaining five (5) must be downloaded prior to use. By assigning different ring signals to closely located phones, you can identify the ringing phone. The ring type assigned for the IP Phone is the "Default Ring Type" for incoming calls to the phone. The Default Ring may be set to one of the fourteen tones or "Ringer Off", see section 3.3.

- Press the Setting ( ) button.
- Dial 3, or move the cursor to **3.Phone Settings** using the Previous Next softkeys and press the OK softkey.
- Dial 2, or move the cursor to **2.Ring Setting** using the Previous Next softkeys and press the OK softkey.
- Dial 1, or move the cursor to **1.Ring Type** using the Previous Next softkeys and press the OK softkey. . An asterisk,✱, displays in front of the current setting.



- Select the ring type using the Next softkey. Press the Play softkey to hear the selected tone

- Press the OK softkey to save your entry.
- Move to another parameter with the navigation buttons and continue the session or press the Setting ( ) button to exit the configuration session.

3.2.2 Setting Line Ring Type and Delay

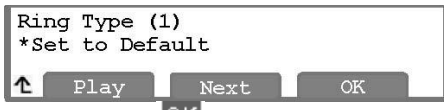
You can assign each line with a different ring type to distinguish which line is ringing. Selections for the type include one of fourteen tones, "Ringer Off", or "Set to Default", see section 3.2.1. Of the fourteen tones, five are permanently stored in the memory of the phone and the remaining five must be downloaded before use. In addition, for each line the ring signal can be immediate or delayed. The delay is set in 1 second increments from 0 (no delay) to 10 seconds.

To set the ring type for a line:

- Press the Setting ( ) button.
- Dial 3, or move the cursor to 3.Phone Settings using the Previous Next softkeys and press the OK oftkey.
- Dial 2, or move the cursor to **2.Ring Setting** using the Previous Next softkeys and press the OK softkey
- Dial the line number plus 1 (for line 1 dial 2 for line 2 dial 3, etc.), or move the cursor to **2.Line n Configuration** using Previous Next softkeys to select the line number *n* and press the OK softkey.

- Dial 1, or move the cursor to **1.Ring Type** using the Previous Next softkeys and press the OK softkey.
  Note the line number displays in parenthesis after "Ring Type".

- Select the ring type using the Next softkey. Press the Play softkey to hear the selected tone. An asterisk, ✱, displays in front of the current setting.



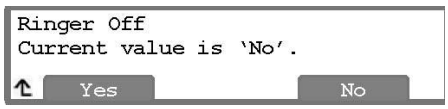
- Press the OK softkey to save your entry.
- Move to another parameter with the navigation buttons and continue the session or press the Setting ( ) button to exit the configuration session.

3.3 Ringer Off

The IP Phone can be programmed not to ring when an incoming call is received.

To set delayed ring for a line:

- Press the Setting ( ) button.
- Dial 3, or move the cursor to **3.Phone Settings** using the Previous Next softkeys and press the OK softkey
- Dial 3, or move the cursor to **3.Ringer Off** using the Previous Next softkeys and press the OK softkey.
- Press the Yes softkey to enable Ringer Off, or press the No softkey to disable Ringer Off.



- Move to another parameter with the navigation buttons & continue session or press the Setting (button to exit the configuration session.

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3.4. Enabling Automatic Headset Operation

Your IP8820 Phone supports use of a headset with a standard RJ-11 jack. In the Headset Auto Mode, pressing a line button automatically connects audio to the headset. Also, redial, Speed dial, Speed number dialing and click-to-call place calls with audio through the headset.

To enable Headset Auto Mode:

- Press the Setting ( ) button.
- Dial 3, or move the cursor to **3.Phone Settings** using Previous Next softkeys and press the OK softkey.
- Dial 4, or move the cursor to **4.Headset Auto Mode** using Previous Next softkeys and press the OK softkey.
- Press the Yes softkey to enable the Headset Auto Mode or press the No softkey to disable the Headset Auto Mode.

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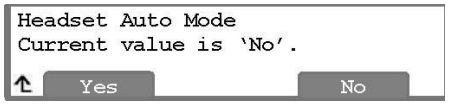


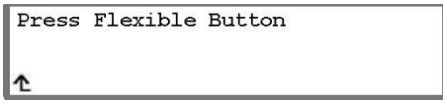
3.5 Setting Flexible Buttons

Your IP8820 Phone has twelve (12) flexible buttons. Normally, the first two (2) buttons are for your line. The flexible buttons not assigned as line buttons can access various functions. The table below indicates the available functions with a brief description of each.

Feature		Description
0	No Function	Unassigned
1	Speed Dial Function	Dials the assigned number
2	Phone Book Function	Views the personal phone book
3	Call Log Function	Views the call log list
4	Mute Function	Toggles the Mute feature on and off
5	Headset Function	Toggles the Headset on and off
6	Redial Function	Dials the last number dialed by the user.
7	Return Call Function	Dials the number of the last answered call
8	Set Call Forwarding	Sets the call forwarding configuration
9	Conference Function	1. Initiates a conference call 2. Joins calls in a conference
10	Transfer Function	Initiates a call transfer
11	Hold Function	Places an active call on hold
12	Do not disturb	Toggles the DND on and off
13	Set Ringer Off	Toggles the ringer on and off
14	Message Function	Views the number of new and old messages stored in the Voice Mail server, and dials the Voice Mail server by pressing the Dial softkey

To assign a function to a flexible button not used as a line:

- Press the Setting ( ) button..
- Dial 3, or move the cursor to **3.Phone Settings** using th Previous Next softkeys and press the OK softkey.
- Dial 5, or move the cursor to **5.Flexible Key Setting** using the Previous Next softkeys and press the OK softkey.
- Select the desired flexible button. An asterisk, ✱ , displays in front of the current setting.



o Select a function using the Previous Next softkey and press the OK softkey. Refer to the flexible button functions chart above.

o If the selected function is Speed dial, enter the speed number and press the OK softkey to save the entry. To enter alphanumeric characters select the Mode softkey.

Refer to Appendix A for the character mapping of dial pad digits.

- Move to another parameter with the navigation buttons and continue the session or press the Setting ( ) button to exit the configuration session.

3.6 Time Configuration

Within the Time Configuration menu, the IP Address or name of the desired Simple Network Time Protocol (SNTP) server and the local time zone are defined. In addition, Daylight Savings Time (DST) is enabled. Consult with your administrator before changing the SNTP server.

3.6.1 SNTP Server Address

SNTP (Simple Network Time Protocol) is a standard protocol that permits a network device to obtain the network's current time. For operation with SNTP, the IP8820 IP Phone requires an SNTP server IP address or name.

To assign the SNTP server address:

- Press Setting ( ) button.
- Dial 3, or move the cursor to **3.Phone Settings** using the Previous-Next softkeys and press the OK softkey.
- Dial 6, or move the cursor to **6.Time Configuration** using the Previous-Next softkeys and press the OK softkey.
- Dial 1, or move the cursor to **1.SNTP Server Address** using the Previous-Next softkeys and press the OK softkey.
- Input the SNTP server address using the dial pad and press the OK softkey to save the entry. To enter alphanumeric characters select the Mode softkey. Refer to Appendix A for the character mapping of dial pad digits.

- Move to another parameter with the navigation buttons and continue the session or press the Setting ( ) button to exit the configuration session.

3.6.2. Time Zone

For proper operation of the clock, the IP Phone requires the local time zone. For available time zones, see Appendix B Time Zones.

To enter the Time Zone:

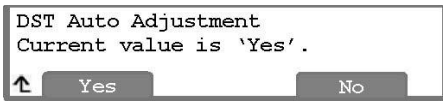
- Press the Setting ( ) button
- Dial 3, or move the cursor to **3.Phone Settings** using the Previous-Next softkeys and press the OK softkey.
- Dial 6, or move the cursor to **6.Time Configuration** using the Previous-Next softkeys and press the OK softkey.
- Dial 2, or move the cursor to **2.Time Zone** using the Previous-Next softkeys and press the OK softkey.

- An asterisk, ✱, displays in front of the current selection. Select the nearest region from the display using the Previous-Next softkeys and press the OK softkey to save the entry.

3.6.3 DST Auto Adjustment

To enable/disable automatic daylight savings time:

- Press the Setting ( ) button
- Dial 3, or move the cursor to **3.Phone Settings** using the Previous-Next softkeys and press the OK softkey.
- Dial 6, or move the cursor to **6.Time Configuration** using the Previous-Next softkeys and press the OK softkey.
- Dial 3, or move the cursor to **3.DST Auto Adjustment** using the Previous-Next softkeys and press the OK softkey.
- Press the Yes softkey to enable DST Auto Adjustment, or press the No softkey to disable DST Auto Adjustment.



- Move to another parameter with the navigation buttons and continue the session or press the Setting ( ) button to exit the configuration session.

3.6.4. Time Format

The format of the LCD time display can be set for 12-hour format or 24-hour format. In addition, the LCD time display can be disabled.

To set the display format for time:

- Press the Setting ( ) button
- Dial 3, or move the cursor to **3.Phone Settings** using the Previous-Next softkeys and press the OK softkey.
- Dial 6, or move the cursor to **6.Time Configuration** using the Previous-Next softkeys and press the OK softkey.
- Dial 4, or move the cursor to **4.Time Format** using the Previous-Next softkeys and press the OK softkey.
- An asterisk, ✱, displays in front of the current setting. Press the Previous-Next softkeys to select the Time Format and press the OK softkey to save your entry.

- Move to another parameter with the navigation buttons and continue the session or press the Setting ( ) button to exit the configuration session

3.6.5 Date Format

The format of the LCD date displays in the one of the formats below:

- MM/DD (01/22)
- DD/MM (22/01)
- DD Month (22 Jan)
- Month DD (Jan 22)
- Disabled, no date display

To set the date display format:

- Press the Setting ( ) button
- Dial 3, or move the cursor to **3.Phone Settings** using the Previous-Next softkeys and press the OK softkey.
- Dial 6, or move the cursor to **6.Time Configuration** using the Previous-Next softkeys and press the OK softkey.
- Dial 5, or move the cursor to **5.Date Format** using the Previous-Next softkeys and press the OK softkey.
- Press the Previous-Next softkeys to select the display format and press the OK softkey to save your entry. An Asterisk, ✱, displays in front of the current setting.

- Move to another parameter with the navigation buttons and continue the session or press the Setting ( ) button to exit the configuration session.

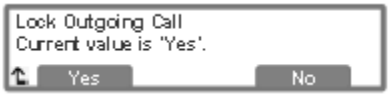
3.7 Lock Outgoing Call

The IP Phone can be configured to allow outgoing calls only if a password is entered. When enabled, the LCD screen will display the password request and the pad-lock icon is shown, and the password must be entered prior to connecting an outgoing call.

To activate this feature, the LCD password must be set, consult your system administrator to set the LCD password.

To enable/disable the Lock Outgoing Call feature:

- Press the Setting ( ) button.
- Dial 3, or move the cursor to **3.Phone Settings** using the Previous Next softkeys and press the OK softkey
- Dial 8, or move cursor to **8.Lock Outgoing Call** using the Previous Next softkeys and press the OK softkey.
- Press the Yes softkey to enable Lock Outgoing Call, or press the No softkey to disable Lock Outgoing Call.



- Move to another parameter with the navigation buttons and continue the session or press the Setting ( ) button to exit the configuration session.

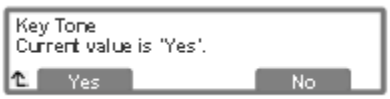
3.8 Enabling Speed Number Dialing

Enabling Speed Number Dialing

The LG 8820 IP Phone includes a Phone Book that supports up to 100 entries. Each Phone Book record includes a two-digit Speed number, see Speed Number Dialing. When enabled, dialing the Speed number (00~99) sends the contact number or user id from the associated Phone Book record.

To enable/disable Speed number operation:

- Press the Setting ( ) button.
- Dial 3, or move the cursor to 3.Phone Settings using the Previous Next softkeys and press the OK softkey.
- Dial 10, or move cursor to **10.Key Tone** using the Previous Next softkeys and press the OK sofftkey.
- Press the Yes softkey to enable Key Tone, or press the No softkey to disable Key Tone.



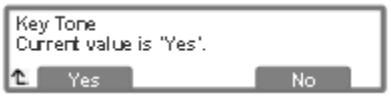
- Move to another parameter with the navigation buttons and continue the session or press the Setting ( ) button to exit the configuration session.

3.9 Key Tone

When you press a button on the IP8820 phone, the phone will generate a beep tone to indicate that the button has been pressed. This key tone is optional and can be enabled or disabled using the key tone setting.

To enable/disable Key Tone operation:

- Press the Setting ( ) .
- Dial 3, or move the cursor to **3.Phone Settings** using the Previous-Next softkeys and press the OK softkey.
- Dial 10, or move cursor to **10.Key Tone** using the Previous-Next softkeys and press the OK softkey
- Press the Yes softkey to enable Key Tone, or press the No softkey to disable Key Tone.



- Move to another parameter with the navigation buttons and continue the session or press the Setting ( ) button to exit the configuration session.

3.10 Language Setting

The IP Phone firmware includes an xml file, which, among other things, determines the languages available to the phone. The Language setting determines the display of text in the LCD. When the xml file contains more than one (1) language, you may select the language shown in the display.

To select an available language:

- Press the Setting ( ) button.
- Dial 3, or move cursor to **3.Phone Settings** using the Previous-Next softkeys, and press the OK softkey.
- Dial 11, or move cursor to **11.Language** using the Previous-Next softkeys, and press the OK softkey.
- Select a Language from the list using the Previous-Next softkeys, and press the OK softkey. An asterisk, ✱, displays in front of the current selection.

- Move to another parameter with the navigation buttons and continue the session or press the Setting ( ) button to exit the configuration session.

Appendix A Dial Pad Character Set

The IP8820 Phone dial pad inputs digits or alphanumeric characters. The table below maps each dial pad digit to characters available. Three modes are available, dial pad digits, upper case letters and lower case letters as shown in the table.

Digit	Dial Pad Mode	
	Upper Case '[A]'	Lower Case '[a]'
1	@ : /	@ : /
2	A B C	a b c
3	D E F	d e f
4	G H I	g h i
5	J K L	j k l
6	M N O	m n o
7	P Q R S	p q r s
8	T U V	t u v
9	W X Y Z	w x y z
0	. , ? !	. , ? !
*	. *	. *
#	Space (' ')	Space (' ')

Appendix B Time Zones

Country	No	Country	No
GMT-12:00 International Date Line, West	60	GMT+01:00 Oslo, Norway	30
GMT-11:00 Midway/Samoa	61	GMT+01:00 Paris, France	31
GMT-10:00 Hawaii	1	GMT+01:00 Rome, Italy	32
GMT-09:00 Alaska	62	GMT+01:00 Stockholm, Sweden	33
GMT-08:00 Los Angeles, California	2	GMT+01:00 Vienna, Austria	34
GMT-08:00 Pacific Standard	3	GMT+02:00 Athens, Greece	35
GMT-07:00 Mountain Standard	4	GMT+02:00 Harare, Zimbabwe	36
GMT-06:00 Central Standard	5	GMT+02:00 Helsinki, Finland	37
GMT-06:00 Mexico City, Mexico	6	GMT+02:00 Istanbul, Turkey	38
GMT-06:00 Saskatc., Canada	7	GMT+02:00 Jerusalem, Israel	39
GMT-05:00 Bogotá, Colombia	8	GMT+03:00 Kuwait	40
GMT-05:00 Eastern Standard	9	GMT+03:00 Moscow, Russia	41
GMT-05:00 Lima, Peru	10	GMT+03:00 Nairobi, Kenya	42
GMT-05:00 New York, NY	11	GMT+03:00 Riyadh, Saudi Arabia	43
GMT-04:00 Atlantic Standard	12	GMT+03:30 Tehran, Iran	44
GMT-04:00 Caracas, Venezuela	13	GMT+04:00 Abu Dhabi, UAE	45
GMT-04:00 La Paz, Bolivia	14	GMT+04:00 Tbilisi, Georgia	46
GMT-03:30 New Found land	15	GMT+04:30 Kabul, Afghanistan	47
GMT-03:00 Brasilia, Brazil	16	GMT+05:00 Islamabad, Pakistan	64
GMT-03:00 Buenos Aires, Argentina	17	GMT+05:30 New Delhi, India	48
GMT-03:00 Georgetown, Guyana	18	GMT+06:00 Dhaka, Bangladesh	65
GMT-02:00 Inuuk, Greenland	63	GMT+06:30 Yangon, Myanmar	66
GMT-01:00 Azores, Portugal	19	GMT+07:00 Bangkok, Thailand	49
GMT-01:00 Cape Verde	20	GMT+07:00 Jakarta, Indonesia	50
GMT 00:00 Casablanca, Morocco	21	GMT+08:00 Beijing, China	51
GMT 00:00 Lisbon, Portugal	22	GMT+09:00 Seoul, Korea	52
GMT 00:00 London, England	23	GMT+09:00 Tokyo, Japan	53
GMT+01:00 Amsterdam, Netherlands	24	GMT+09:30 Darwin, Australia	54
GMT+01:00 Berlin, Germany	25	GMT+10:00 Guam Standard	55
GMT+01:00 Bern, Switzerland	26	GMT+11:00 Solomon Islands	67
GMT+01:00 Brussels, Belgium	27	GMT+12:00 Marshall Islands	56
GMT+01:00 Central European	28	GMT+12:00 Auckland, Wellington	57
GMT+01:00 Copenhagen, Denmark	59	GMT+13:00 Nuku'alofa	58
GMT+01:00 Madrid, Spain	29		